| <br> | Claims |  |
|------|--------|--|
|      |        |  |

Application/Control No.

10/829,601

Examiner **Hoang Dang**  Applicant(s)/Patent under Reexamination

**TUDOR ET AL.** 

Art Unit

3672

| <b>√</b> | Rejected |  |
|----------|----------|--|
| _        | Allowed  |  |

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          | _  |  | (  | Date     | е  |  |  |          |   | Cla      | aim      |               |  |              |          | Date   | <u> </u> |
|----------|----------|----------|--|--|--|----------|--|--|--|----------|---|----------|----------|---------------|--|--------------|----------|--|----------|
| Final    | Original | 12/05    |  |  |  |          |  |  |  |          |   | Final    | Original |               |  |              |          |  |          |
|          | 1 -      | 9        | -  | $\vdash$   | -  | -        | -  | ┢  | -  | -        |   | -        | 51       |               | <u> </u>   | <del> </del> | $\vdash$ |  | H        |
| -        | 2        | 1        |  |  | ┢  | _        |  | $\vdash$   | <del>                                     </del> |          |   |          | 52       | _             | $\vdash$   |              | П        | -  | r        |
|          | 3        | ╫        |  | $\vdash$   | $\vdash$   | -        | H  | $\vdash$   | ┢  | _        |   |          | 53       |               | -  | _            | Н        |  | H        |
|          | 4        | ╫        |  | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$   | Ι-   |          |   |          | 54       |               | _  | $\vdash$     | $\vdash$ |  | r        |
| -        | 5        | ╫╴       | -  |  | ┢  | -        | ┢  |  | _  | $\vdash$ |   |          | 55       | $\vdash$      | _  | $\vdash$     | $\vdash$ |  |          |
| _        | 6        | #-       | -  | $\vdash$   | $\vdash$   | $\vdash$ | ╁╌   | ┢  | -  | _        |   |          | 56       | _             | ┢  | $\vdash$     | h        |  | r        |
|          | 7        | #-       | -  | $\vdash$   | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   | -  |          |   |          | 57       | _             | $\vdash$   | ┢            |          |  | Г        |
|          | 8        | ┢        | -  | H  | $\vdash$   | H        | _  | _  |  | $\vdash$ |   |          | 58       |               | $\vdash$   | _            |          |  | ┢        |
|          | 9        | H        | _  | _  | $\vdash$   | $\vdash$ |  | $\vdash$   |  | $\vdash$ |   |          | 59       |               | $\vdash$   | _            |          |  | ┢        |
| 1        | 10       | ١        | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ |  | $\vdash$   |  | $\vdash$ |   |          | 60       | Н             |  | -            |          |  | T        |
|          | 11       | 1        |  | -  | ┪  | $\vdash$ | Т  |  |  | $\vdash$ |   |          | 61       |               | _  | $\vdash$     | _        |  | T        |
|          | 12       | 廾        |  | 1  |  | $\vdash$ |  |  | _  | $\vdash$ |   |          | 62       |               | _  |              | _        |  | Г        |
|          | 13       | ⇈        | <del>                                     </del> | ┪  | <del>                                     </del> |          |  |  | _  | $\vdash$ | ľ |          | 63       | _             |  |              |          |  | Г        |
|          | 14       | H        |  | Г  | $\vdash$   |          | $\vdash$   |  | Г  | $\vdash$ |   |          | 64       |               |  |              | _        |  | Г        |
|          | 15       | #        | _  | Г  |  | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | $\vdash$ | l |          | 65       |               |  |              |          |  | Г        |
|          | 16       | ╫        | _  | 一  | $\vdash$   | _        | 一  | <del>                                     </del> | $\vdash$   | $\vdash$ |   |          | 66       |               |  |              | <u> </u> |  | Г        |
|          | 17       | 1        |  |  |  | T        | <del>                                     </del> | ┢  |  | -        | İ |          | 67       | $\vdash$      | _  |              |          |  | Г        |
|          | 18       | IT       | -  |  |  | _        | ┢  | Г  |  | $\vdash$ |   |          | 68       | _             |  | _            |          |  | Г        |
|          | 19       | H        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | $\vdash$ | Ì |          | 69       |               |  |              |          |  | Г        |
|          | 20       | 11       |  | ┢  |  | -        |  | Г  | _  | Г        | i |          | 70       | $\overline{}$ | <del>                                     </del> |              |          |  | Г        |
|          | 21       | H        |  | $\vdash$   | $\vdash$   | T        | $\vdash$   | _  | _  | $\vdash$ |   |          | 71       | $\vdash$      |  | -            |          |  | Γ        |
|          | 22       | IT       |  | T  | T  | T        | _  | Г  | _  |          |   |          | 72       | _             |  |              |          |  | Г        |
|          | 23       | H        | $\vdash$   | Г  | Т  | Г        |  |  | Г  |          |   |          | 73       |               |  |              |          |  | Г        |
|          | 24       | ┌        |  | Г  |  | Г        |  |  | Г  |          |   |          | 74       |               | Ī  |              |          |  | Г        |
|          | 25       | ÷        | _  |  |  | Т        |  | Г  |  |          |   |          | 75       |               |  | Π            |          |  | Γ        |
|          | 26       |          |  | -  |  |          | Г  |  | Г  |          |   |          | 76       |               |  |              |          |  | Γ        |
|          | 27       |          |  |  |  |          | Г  | ı  |  |          |   |          | 77       |               |  |              |          |  | Γ        |
|          | 28       |          |  |  |  |          |  |  |  |          | l |          | 78       |               |  |              |          |  | Г        |
|          | 29       | Г        |  |  |  |          |  |  | Г  | Г        |   |          | 79       | Г             |  |              |          |  | Г        |
|          | 30       | П        |  |  |  |          | Γ  | Π  |  |          | l |          | 80       |               |  |              |          |  | Γ        |
|          | 31       |          |  |  | Г  |          |  |  |  |          | l |          | 81       |               |  |              |          |  | Г        |
|          | 32       | Γ        |  |  |  |          |  |  |  |          |   |          | 82       |               |  |              |          |  |          |
|          | 33       | Γ        |  |  |  |          |  |  |  |          |   |          | 83       |               |  |              |          |  |          |
|          | 34       |          |  |  |  |          |  |  |  |          |   |          | 84       |               |  |              |          |  | L        |
|          | 35       |          |  |  |  | <u> </u> |  |  |  |          | Ì |          | 85       |               | L  | L            |          | L  | L        |
|          | 36       |          |  |  |  |          |  | <u> </u>   |  |          |   |          | 86       | _             | _  | _            | 匚        | L  | L        |
|          | 37       | L        | _  | _  |  |          |  |  |  |          |   |          | 87       |               | L  | L            | <u>L</u> | <u></u>  | L        |
|          | 38       |          |  |  |  |          |  |  |  | L        |   |          | 88       |               | _  |              | <u> </u> |  | L        |
|          | 39       |          | _  | 匚  |  |          |  |  |  |          |   |          | 89       |               |  | _            | <u></u>  |  | L        |
| L        | 40       |          |  | L  |  |          | ┕  | <u></u>  |  |          | l |          | 90       | <u> </u>      |  |              | <u> </u> | $ldsymbol{ld}}}}}}$ | L        |
|          | 41       | _        | 乚  | L  | L_   | L        | L  | _  |  |          | į |          | 91       | _             | _  | _            | _        | _  | L        |
| <u> </u> | 42       | L        | L  | _  | _  | L        | _  | L  |  |          | l |          | 92       | <u> </u>      | _  | <u> </u>     | L        | <u> </u>   | L        |
| <u> </u> | 43       |          | _  |  | _  |          | <u> </u>   | <u> </u>   | <u> </u>   | <u></u>  |   | L        | 93       | _             |  | <b>—</b>     | <u> </u> | <u> </u>   | L        |
|          | 44       | _        | $\vdash$   |  | <u> </u>   | L_       | <u> </u>   | <u> </u>   | <b>!</b>   | <b>—</b> |   |          | 94       | <u> </u>      | <u> </u>   | <u> </u>     | _        | $\vdash$   | L        |
|          | 45       | _        | _  | <u> </u>   | <u> </u>   | <u> </u> | $ldsymbol{f eta}$                                | <u> </u>   | _  |          |   | <u> </u> | 95       | <u> </u>      | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>   | L        |
|          | 46       | <u>L</u> | <u> </u>   | <u> </u>   | <u> </u>   | ᆜ        | <u> </u>   | <u> </u>   | <b>—</b>   |          |   | <u> </u> | 96       | <u> </u>      | <u> </u>   | $\vdash$     |          | ┞  | L        |
|          | 47       | L.       | <u> </u>   | <u> </u>   | <u> </u>   | _        | _  | <u> </u>   | <u> </u>   | <u> </u> |   | <u> </u> | 97       | <u> </u>      | <b>L</b>   | <u> </u>     | <u> </u> | <u> </u>   | L        |
|          | 48       | L.       | <u> </u>   | $\vdash$   | 匚  | <u> </u> | 匚  | <u> </u>   | <u> </u>   | <u> </u> |   | <u> </u> | 98       | <u> </u>      | <u> </u>   | $\vdash$     | <b> </b> | ┞  | L        |
| <u> </u> | 49       | L        | <u> </u>   | <u> </u>   | <u> _</u>  | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | _        | 1 | <u> </u> | 99       | <u> </u>      | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>   | $\vdash$ |
|          | 50       | <u> </u> | L  |  |  | <u> </u> | <u> </u>   | L  |  | Ц.       | J | Щ_       | 100      | L             | 1  | L            |          | <u> </u>   | L        |

| - [ | Cla   | Date     |          |          |          |          |              |              |          |          |          |
|-----|-------|----------|----------|----------|----------|----------|--------------|--------------|----------|----------|----------|
|     | Final | Original |          |          |          |          |              |              |          |          |          |
| ļ   |       |          |          |          |          | Щ        |              |              |          |          |          |
|     |       | 51       |          | _        |          | Ш        |              |              |          |          |          |
|     |       | 52       |          |          | _        | Ш        |              |              |          |          |          |
|     |       | 53       |          | _        |          | Ш        |              |              |          | _        | _        |
|     |       | 54<br>55 |          |          |          | $\vdash$ |              | -            | _        | _        | _        |
| 1   |       | 56       |          | -        |          | -        |              |              |          | -        |          |
|     |       | 57       | _        | _        | _        | Н        |              | _            |          | -        |          |
| 1   |       | 58       |          | $\vdash$ |          | H        | _            | _            | _        |          |          |
|     |       | 59       | -        | $\vdash$ | _        | $\vdash$ |              | -            | _        | $\vdash$ |          |
|     |       | 60       |          |          | -        | $\vdash$ |              |              |          | -        | _        |
|     |       | 61       | _        |          | _        | _        | _            | _            | _        |          | _        |
|     |       | 62       | _        | _        |          | -        |              | _            |          | _        | _        |
|     |       | 63       |          | _        |          |          |              |              |          |          |          |
|     |       | 64       |          | П        |          |          |              |              |          |          | П        |
|     |       | 65       |          |          |          |          |              |              |          |          |          |
|     |       | 66       |          |          |          |          |              |              |          |          |          |
|     |       | 67       |          |          |          |          |              |              |          |          |          |
|     |       | 68       |          |          |          |          |              |              |          |          |          |
|     |       | 69       |          |          |          |          |              |              |          |          |          |
|     |       | 70       |          |          | _        |          |              |              | L        |          |          |
|     |       | 71       |          | _        | _        | _        |              |              |          |          |          |
|     |       | 72       |          |          |          | _        |              |              |          |          | L        |
|     |       | 73       | _        | _        | <u> </u> | <u> </u> |              | _            | $\vdash$ | _        | _        |
|     |       | 74<br>75 |          |          | _        | _        | _            | _            |          |          |          |
|     |       | 76       |          | H        | -        | -        |              | _            | $\vdash$ |          | Ь.       |
|     |       | 76<br>77 | _        | _        | _        |          | -            | _            | -        |          |          |
|     |       | 78       | _        |          | _        | _        | _            | _            | $\vdash$ |          | _        |
|     |       | 79       | -        | -        | _        |          |              |              | _        | Н        |          |
|     |       | 80       |          |          | -        |          |              |              |          |          |          |
|     |       | 81       |          |          | П        |          |              |              |          |          |          |
|     |       | 82       |          |          |          |          |              |              |          |          |          |
|     |       | 83       |          |          |          |          |              |              |          |          |          |
|     |       | 84       |          |          |          | $\Box$   |              |              |          |          |          |
|     |       | 85       |          |          | _        |          | Ш            | _            | L        | <u> </u> |          |
|     |       | 86       | _        | L        | ļ        | $\sqcup$ | _            |              | <u> </u> | <u> </u> | _        |
|     |       | 87       | _        | <u> </u> | <u> </u> | <b> </b> | _            | _            | $\vdash$ | <b> </b> | <u> </u> |
|     |       | 88       |          | <u> </u> | -        | ├        | $\vdash$     |              | -        | ├        | <u> </u> |
|     |       | 89<br>90 |          | -        | $\vdash$ | $\vdash$ |              |              | <u> </u> | ├        | <u> </u> |
|     |       | 90       | -        | $\vdash$ |          | -        | $\vdash$     | $\vdash$     | $\vdash$ | ├        | <u> </u> |
| 1   |       | 92       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | _            | Н            | -        | ┢╌       | $\vdash$ |
|     |       | 93       | $\vdash$ | $\vdash$ |          | $\vdash$ | $\vdash$     | П            | $\vdash$ | $\vdash$ |          |
|     |       | 94       | _        | _        |          | $\vdash$ | _            |              |          | m        |          |
| -   |       | 95       |          |          |          |          |              |              |          |          |          |
|     |       | 96       |          |          |          |          |              |              |          |          |          |
|     |       | 97       |          |          |          |          |              |              |          |          |          |
|     |       | 98       |          | Ĺ        | $\Box$   |          |              |              |          |          |          |
|     |       | 99       |          | <u> </u> | L_       | _        | $oxed{oxed}$ | $oxed{oxed}$ | <u> </u> | <u> </u> | <u> </u> |
|     |       | 100      | 1        |          | 1        |          |              |              |          | ı        |          |

| Cli      | aim   | Date   |  |  |                    |                |              |              |              |          |  |  |
|----------|---|--|--|--|--------------------|----------------|--------------|--------------|--------------|----------|--|--|
|          |   |  |  |  |                    |                |              |              |              | П        |  |  |
| <u></u>  | Original                                      |  |  |  |                    |                |              |              |              | 1 1      |  |  |
| Final    | ġ   |  |  |  |                    |                |              |              |              |          |  |  |
| "-       | Ō   |  |  |  |                    |                |              |              |              |          |  |  |
| <u> </u> | 404   |  | <u> </u>   | -  | _                  | -              |              | _            | -            | Н        |  |  |
| ├        | 101<br>102<br>103                             | _  | -  | _  |                    | _              | -            |              |              | $\vdash$ |  |  |
| <u> </u> | 102   |  |  | _  | _                  | _              | _            |              |              |          |  |  |
|          | 103   |  |  | ļ.,  |                    |                |              |              |              |          |  |  |
|          | 104   | _  |  | _  | _                  | _              | _            | _            |              |          |  |  |
|          | 105<br>106                                    | _  | _  |  |                    |                | _            | _            |              |          |  |  |
|          | 106   | L.   | <u> </u>   |  |                    |                |              |              |              |          |  |  |
|          | 107   |  |  |  |                    |                | _            |              |              | Ш        |  |  |
|          | 108   |  |  |  |                    |                |              |              |              | Щ        |  |  |
|          | 109   |  | L  |  |                    |                |              |              |              | Ш        |  |  |
|          | 110   |  | L  | _  |                    |                |              |              |              | Ш        |  |  |
|          | 111   |  |  |  |                    |                | $\Box$       |              | _            | Ш        |  |  |
|          | 112   |  |  |  |                    |                |              |              |              |          |  |  |
|          | 113   |  |  |  |                    |                |              |              |              |          |  |  |
|          | 113<br>114<br>115                             |  |  |  |                    |                |              | L            | L            |          |  |  |
|          | 115   |  |  |  |                    |                |              |              |              |          |  |  |
|          | 116   |  | Г  |  |                    |                |              |              |              |          |  |  |
|          | 116<br>117                                    |  |  |  | Г                  |                | Γ            |              |              |          |  |  |
|          | 118   |  | Г  |  | Г                  |                | Г            |              |              | П        |  |  |
|          | 119   |  | l  |  |                    |                |              |              |              |          |  |  |
|          | 120   |  | <del>                                     </del> | _  | Г                  |                |              | Н            | $\vdash$     |          |  |  |
|          | 121<br>122<br>123                             |  | _  | T  | Т                  | $\vdash$       | _            | _            |              | $\Box$   |  |  |
|          | 122   |  |  | T  |                    | _              | _            | $\vdash$     |              |          |  |  |
|          | 123   |  | $\vdash$   | <del>                                     </del> | _                  |                | $\vdash$     | $\vdash$     | $\vdash$     | Н        |  |  |
|          | 124   | -  | ┢  | ┪  |                    | Н              | H            | ┢            | $\vdash$     |          |  |  |
|          | 124<br>125<br>126<br>127<br>128<br>129<br>130 | <del>                                     </del> | -  | $\vdash$   | Н                  | $\vdash$       | Н            | -            | $\vdash$     | $\vdash$ |  |  |
|          | 126   | ┢  | ┢  | $\vdash$   | $\vdash$           | $\vdash$       | <del> </del> | H            | $\vdash$     | _        |  |  |
|          | 127   |  | -  | -  | -                  | -              | $\vdash$     | $\vdash$     | -            | _        |  |  |
|          | 128   | <del> </del>                                     | -  |  | H                  | _              | -            | $\vdash$     | $\vdash$     | -        |  |  |
|          | 120   | <del> </del>                                     | $\vdash$   | ┢  | H                  |                | -            | -            |              | ╁        |  |  |
|          | 120   |  | ┢  | -  | ├─                 | ⊢              | -            | -            | _            | H        |  |  |
|          | 130   | -  | -  | -  |                    | ├              | -            | <del> </del> | <del> </del> | $\vdash$ |  |  |
|          | 131   | $\vdash$   |  | $\vdash$   | $\vdash$           | <del>  -</del> | -            | ├—           | $\vdash$     | $\vdash$ |  |  |
| $\vdash$ | 132<br>133<br>134                             |  | $\vdash$   | $\vdash$   | -                  | $\vdash$       | -            | -            | $\vdash$     | $\vdash$ |  |  |
|          | 133   | $\vdash$   |  |  | $\vdash$           | -              | $\vdash$     | $\vdash$     | -            | $\vdash$ |  |  |
|          | 134   |  | $\vdash$   | $\vdash$   | <del> </del>       | $\vdash$       | $\vdash$     |              | ├            | Н        |  |  |
|          | 135<br>136                                    | <u> </u>   | ├  |  | $\vdash$           | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     | Н        |  |  |
| <u> </u> | 135   | <u> </u>   | ⊢  | <del> </del>                                     | ⊢                  | $\vdash$       | ├            | $\vdash$     | $\vdash$     | Н        |  |  |
|          | 137<br>138                                    | <u> </u>   | -  | ⊢  | <del> </del>       | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     | Н        |  |  |
| <u> </u> | 138   | <u> </u>   | <del> </del>                                     | -  | -                  | -              | -            | <u> </u>     | ├_           | $\vdash$ |  |  |
| <u> </u> | 139   | $\vdash$   | ├  | <u> </u>   | <u> </u>           | $\vdash$       | <del> </del> | <u> </u>     | $\vdash$     | -        |  |  |
|          | 140   |  | $\vdash$   | ⊢  | <b> </b> -         | ├-             | <u> </u>     | <u> </u>     | $\vdash$     | Н        |  |  |
|          | 141   | ⊢  | <u> </u>   | <u> </u>   | <u> </u>           | <u> </u>       | ⊢            | <u> </u>     | <u> </u>     | $\vdash$ |  |  |
| L        | 142   | <u> </u>   | _  | _  | _                  | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>     | Щ        |  |  |
|          | 143   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>           | _              | <u> </u>     | <b> </b> _   | <b>—</b>     | Щ        |  |  |
|          | 144   | <u> </u>   | <u> </u>   |  | <u> </u>           | _              | <u> </u>     | <u> </u>     | <u> </u>     | Ш        |  |  |
|          | 145   | <u> </u>   | <u> </u>   | _  | <u> </u>           | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>     | Щ        |  |  |
|          | 146   | L_   | 匚  | <u> </u>   |                    | <u> </u>       | _            | <u> </u>     | _            |          |  |  |
|          | 147   |  |  | <u></u>  | <u></u>            | _              | _            | <u> </u>     | <u> </u>     |          |  |  |
|          | 148   |  |  |  |                    |                | _            | <u> </u>     |              |          |  |  |
|          | 149   |  |  |  | $oxedsymbol{oxed}$ |                | <u> </u>     | _            | _            |          |  |  |
|          | 150   | L  |  |  | L                  | <u> </u>       | _            | L_           |              |          |  |  |